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The new tab is named "Template (2)". Rename by right clicking it and selecting "Rename".

Fill the project information on top.

Assign a multiplier value to the yellow cells.

Enter a note that briefly describes the reasoning for the multiplier.

Update at least yearly.

To update the Summary, click the button identified as "Update" on the Summary worksheet.

Afterwards, the columns can be sorted as needed.

Project	Fund
Colo Smelter OU1	Pipeline and RA
SBCBA BPSOU8	PRP
Upper Tenmile Creek Mining Area Site	
Colorado Smelter OU2	Pipeline
Carpenter Snow Creek OU3	Pipeline
Anaconda Smelter - OW/EADA OU7	PRP
Anaconda Smelter - CSOU16	PRP
SBCBA BMFOU3	PRP
Bonita Peak Mining District	PRP
East Helena OU2	Special Account
Anaconda Smelter - ARWWS OU4	PRP
Libby Asbestos	Special account/PRP
Lincoln Park	Special Account
Hill Air Force Base (AFB)	PRP
Barker Hughesville OU1	Pipeline
California Gulch	Special account
ACM Smelter & Refinery OU1	PRP
Lockwood Solvent OU2	Pipeline
Carpenter Snow Creek OU2	Pipeline
Richardson Flat OU 2/3	PRP
Barker Hughesville OU2	Pipeline
Libby Groundwater	PRP
Idaho Pole	PRP
F.E. Warren Air Force Base	PRP
700 South 1600 East Plume	PRP
Eagle Mine OU3	BFPP
Gilt Edge Mine Site	Pipeline
Rocky Mountain Arsenal	PRP
Nelson Tunnel/Commodore Waste Rock Pile	Pipeline
Eagle Mine OU1	PRP
Five Points PCE Plume Site	
BN Somers	PRP
Carpenter Snow Creek - OU1	
VBI-70 OU2	PRP
Carpenter Snow Creek - OU1	
Tooele Army Depot	PRP
Eureka Mills	Special account
SBCBA WSSOU13	Special Account
VBI-70 OU3	Pipeline
Jacobs Smelter	Pipeline
Lockwood Solvents GW Plume OU1 (former Beall	Fund Lead w DOJ Bankruptcy Special Acct
Smurfit-Stone OU2	PRP
Smurfit-Stone OU3	PRP
Ellsworth Air Force Base	PRP
Rocky Flats	PRP
Wasatch Chemical Site (Lot 6)	Special Account

Bountiful Woods Cross	Pipeline
Air Force Plant PJKS	PRP
Chemical Sales	PRP
Summitville Mine	Fund/State lead
Uravan Uranium	State lead/ Radiation Program
Minot Landfill	PRP
I S & R	PRP - Special Account ARCO/BP
Mystery Bridge	PRP
Standard Mine	Pipeline
ACM Smelter & Refinery OU1	PRP
Captain Jack Mill Site	Pipeline
Anaconda Aluminum Columbia Falls Reduction Plant	PRP
Mouat Industries	Pipeline
Sand Creek Industrial	PRP
French Gulch (SAS)	Special account
Broderick Wood Products	PRP
Flat Creek IMM	Pipeline
Sharon Steel	Special account
Midvale Slag	Special account
Milltown Reservoir Sediments OU2	PRP
Marshall Landfill	PRP
IWOR	IWOR Special Account
Ogden Rail Yard	PRP Special Account UPRR
Basin Mining Area OU2	Pipeline
Utah Power & Light/American Barrel	PRP
Smuggler Mountain	PRP
Portland Cement (Kiln Dust 2 & 3)	Special account
Murray Smelter	PRP -Special Account ASARCO
Defense Depot Odgen former DLA	PRP
Twins Inn - Alt Site	PRP Special Account DOW
SBCBA RockerOU7	PRP
Rose Park Sludge Pit	PRP
Petrochem Recyling Corporation Ekotek Plant	Pipeline
Pallas Yard	PRP
Milltown Reservoir Sediments/Clark Fork River OU3	PRP
Woodbury Chemical Company	PRP
Williams Pipeline Company Disposal Pit	PRP
Denver Radium	Special account
Arsenic Trioxide	Fund Lead/Deleted and in O&M
Davenport Flagstaff	

State	RPM	EPA ID	Score	HEC	PCPR
Colorado	S Forrest	CON000802700	91	41	50
Montana	Nikia Greene	MTD980502777	91	44	47
Montana	Tillman McAdams	MTSFN7578012	82	50	32
Colorado	Jesse Avilés	CON000802700	80	30	50
Montana	Roger Hoogerheide	MT0001096353	75	44	31
Montana	Charlie Coleman	MTD093291656	73	23	50
Montana	Charlie Coleman	MTD093291656	71	21	50
Montana	Nikia Greene	MTD980502777	71	26	45
Colorado	Christina Proggess		70	31	39
MT	Betsy Burns	MTD006230346	70	33	37
Montana	Charlie Coleman	MTD093291656	69	26	43
Montana	Dania Zinner		68	22	46
Colorado	Mark Aguilar	COD042167858	68	30	38
Utah	Sandra Bourgeois	UT0571724350	68	38	30
Montana	Roger Hoogerheide	MT6122307485	67	36	31
Colorado	Linda Kiefer		65	30	35
Montana	Charlie Coleman	MTD093291599	65	26	39
Montana	Roger Hoogerheide	MT0007623052	61	34	27
Montana	Roger Hoogerheide	MT0001096353	60	36	24
Utah	Rob Parker	UTD980952840	59	32	27
Montana	Roger Hoogerheide	MT6122307485	59	36	23
Montana	Andrew Schmidt		58	19	39
Montana	Roger Hoogerheide	MTD006232276	58	23	35
Wyoming	Natasha Davis	WY5571924179	58	36	22
Utah	Mark Aguilar	UTD981548985	58	31	27
Colorado	Jamie Miller	845	57	22	35
South Dakota	Joy Jenkins	087T	57	27	30
Colorado	Greg Hargreaves	CO5210020769	57	29	28
Colorado	Joy Jenkins	08MB	56	34	22
Colorado	Jamie Miller	845	55	25	30
Utah	Sam Garcia		55	31	24
Montana	Roger Hoogerheide	MTD53038386	53	29	24
Montana	Tillman McAdams	MT0001096353	52	34	18
Colorado	Jesse Avilés	CO0002259588	52	17	35
Montana	Tillman McAdams	MT0001096353	52	34	18
Utah	Patricia Smith	UT3213820894	52	30	22
Utah	Armando Saenz		51	20	31
Montana	Nikia Greene	MTD980502777	51	20	31
Colorado	Jesse Avilés	CO0002259588	50	27	23
Utah	Andrew Schmidt		50	27	23
Montana	Tillman McAdams	MT0007623052	50	16	34
Montana	Sara Sparks	MTN000802850	50	13	37
Montana	Sara Sparks	MTN000802850	50	13	37
South Dakota	Patricia Smith	SD2571924644	49	27	22
Colorado	Vera Moritz	CO7890010526	49	17	32
Utah	Sam Garcia		47	27	20



Utah	Sam Garcia		46	24	22
Colorado	Natasha Davis	CO7570090038	46	26	20
Colorado	Aramando Saenz		45	20	25
Colorado	Jesse Aviles	COD983778432	45	11	34
Colorado	Fran Costanzi	COD007063274	44	10	34
North Dakota	Fran Costanzi	NDD980959548	44	10	34
Utah	Erna Waterman	UTD988075719	43	33	10
Wyoming	Andrew Schmidt		41	11	30
Colorado	Andrew Schmidt		41	14	27
Montana	Charlie Coleman	MTD093291599	41	17	24
Colorado	Joy Jenkins	08A3	40	16	24
Montana	Mike Cirian	MTD057561763	37	17	20
Montana	Roger Hoogerheide	MTD021997689	37	13	24
Colorado	Armando Saenz		36	17	19
Colorado	Andrew Schmidt		36	16	20
Colorado	Armando Saenz		35	16	19
Montana	Allie Archer	MTO012694970	35	20	15
Utah	Dania Zinner		32	10	22
Utah	Dania Zinner		32	10	22
Montana	Sara Sparks	MTD980717565	32	10	22
Colorado	Andrew Schmidt		31	12	19
Utah	Erna Waterman	UTD0001277359	30	14	16
Utah	Erna Waterman	UTD000716407	30	14	16
Montana	Allie Archer	MTD982572562	30	20	10
Utah			29	13	16
Colorado			29	16	13
Utah	Armando Saenz		29	13	16
Utah	Erna Waterman	UTD980951420	29	13	16
Utah	Natasha Davis	UT9210020922	29	13	16
Colorado	Erna Waterman	CO	28	10	18
Montana	Nikia Greene	MTD980502777	28	10	18
Utah	Armando Saenz		23	13	10
Utah	Armando Saenz		23	13	10
Utah	Armando Saenz		23	13	10
Montana	Sara Sparks	MTD980717565	23	13	10
Colorado			20	10	10
South Dakota			20	10	10
Colorado	Armando Saenz		20	10	10
North Dakota	Fran Costanzi	NDD980716963	20	10	10
Utah	Erna Waterman	UTD988075719	10	4	6

Project		RPM
Fund		Updated
State		EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Total Score	0
HEC	0
PCNR	0

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects		0	
Population level effects or large-scale habitat loss	Documented exposures/effects		0	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement		0	
Targets achievable within three years/ongoing work	Key target, Project completion		0	
Documented disproportionate effects	Multiple socio-economic factors		0	
All may be thresholds	Depth/Strength of interest		0	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	0
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Project	Eagle Mine OU3	RPM
Fund	BFPP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Jamie Miller	Total Score	57
6/11/2018	HEC	22
	845 PCNR	35

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	4	16	Original remediation of soils were conducted to recreational levels and did not address arsenic. Change in land use to residential by BFPP necessitates additonal remediation with arsenic
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Minimum eco risk.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	hot spots of metals contamination exist in surface soil.
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	Signed ROD in 2017, signed AOC with BFPP June 2018.
Documented disproportionate effects	Multiple socio-economic factors	3	6	Very active stakeholder group.
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 Site is on Admin list for Reuse.
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Project	Eagle Mine OU1	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Jamie Miller	Total Score	55
6/11/2018	HEC	25
	845 PCNR	30

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	Previous remedies addressed human health risk.
Population level effects or large-scale habitat loss	Documented exposures/effects	5	15	Ecological risk is present during spring flush necessitating ROD amendment to collect and treat additional groundwater.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Contaminated groundwater is contributing to in stream exceedances of water quality standards during spring flush.
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	ROD Amendment signed fall 2017, UAO to conduct RD/RA issued to PRP June 2018. 5YR being conducted this year.
Documented disproportionate effects	Multiple socio-economic factors	2	4	Very active stakeholder group.
All may be thresholds	Depth/Strength of interest	1	2	Site is on Admin List of Sites for Reuse.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 The CTP is being examined by the Town of Minturn as a solar array location.Reuse focused site/included on Administrator's Reuse Emphasis list.
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Project	Five Points PCE Plume Site	RPM
Fund		Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
BFPP/Developer interest	
municipal interest	
owner interest	
renewable energy potential	

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Sam Garcia	Total Score	55
6/6/2018	HEC	31
	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	4	16	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	
Documented disproportionate effects	Multiple socio-economic factors	3	6	
All may be thresholds	Depth/Strength of interest	3	6	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6
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Project	Wasatch Chemical Site (Lot 6)	RPM
Fund	Special Account	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Sam Garcia	Total Score	47
6/6/2018	HEC	27
	PCNR	20

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	2	4	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6
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Project	Woodbury Chemical Company	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Total Score	20
HEC	10
PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Williams Pipeline Company Disposal Pit	RPM
Fund	PRP	Updated
State	South Dakota	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Total Score	20
HEC	10
PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Utah Power & Light/American Barrel	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Total Score	29
HEC	13
PCNR	16

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9
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Project	Smuggler Mountain	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Total Score	29
HEC	16
PCNR	13

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6
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Project	Sand Creek Industrial	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Armando Saenz	Total Score	36
6/7/2018	HEC	17
	PCNR	19

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9
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Project	Rose Park Sludge Pit	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	23
6/7/2018	HEC	13
	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Portland Cement (Kiln Dust 2 & 3)	RPM
Fund	Special account	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	29
6/7/2018	HEC	13
	PCNR	16

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9
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Project	Petrochem Recycling Corporation Ekotek Plant	RPM
Fund	Pipeline	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	23
6/7/2018	HEC	13
	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Pallas Yard	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	23
6/7/2018	HEC	13
	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Eureka Mills	RPM
Fund	Special account	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	51
6/7/2018	HEC	20
	PCNR	31

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	3	6	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9
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Project	Nelson Tunnel/Commodore Waste Rock Pile	RPM
Fund	Pipeline	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Joy Jenkins	Total Score	56
6/5/2108	HEC	34
08MB	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	4	16	Risk of large sudden release would increase potential exposure, current HH exposure is very low
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Ongoing metal discharge to the watershed.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	4	8	Stability of the tunnel system and the community's desire to see progress at the Site are increasing.
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Interest in maintaining historic structures for tourism, but tied up with PRP ownership.
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Project	Gilt Edge Mine Site	RPM
Fund	Pipeline	Updated
State	South Dakota	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Joy Jenkins	Total Score	57
6/5/2018	HEC	27
087T	PCNR	30

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Risk increases if water collection and treatment were to cease.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Risk increases if water collection and treatment were to cease.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	ongoing work, the more quickly that OU1 construction is finished the sooner that part of the Site can move into O&M and a final remedy for OU2 water treatment can be put into place
Documented disproportionate effects	Multiple socio-economic factors	2	4	Community interests has increased with the recent AOC with Agnico
All may be thresholds	Depth/Strength of interest	4	8	This Site is South Dakota's priority

Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Potental reuse - remining could take over environemntal liability costs, but unlikely to happen in near future
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Project	Captain Jack Mill Site	RPM
Fund	Pipeline	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Joy Jenkins	Total Score	40
6/5/2018	HEC	16
08A3	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Subsurface remedy is a novel treatment technology for AMD water. The success or lessons learned from this remedy are important to the program & HQ. Site is in O&F & will have an LTRA, ongoing work will move site through the remedial process to O&M.
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Bountiful Woods Cross	RPM
Fund	Pipeline	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Sam Garcia	Total Score	46
6/5/2018	HEC	24
	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	
Documented disproportionate effects	Multiple socio-economic factors	3	6	
All may be thresholds	Depth/Strength of interest	2	4	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Broderick Wood Products	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	35
6/5/2018	HEC	16
	PCNR	19

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6
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Project	Chemical Sales	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
BFPP/Developer interest	
municipal interest	
owner interest	
renewable energy potential	

Aramando Saenz	Total Score	45
6/5/2018	HEC	20
	PCNR	25

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	
Documented disproportionate effects	Multiple socio-economic factors	4	8	
All may be thresholds	Depth/Strength of interest	4	8	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Colo Smelter OU1	RPM	S Forrest	Total Score
Fund	Pipeline and RA	Updated	4/27/2018	HEC
State	Colorado	EPA ID	CON000802700	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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91  
41  
50

Multiplier (1-5)	Score	Notes
5	20	
2	6	
5	15	
5	15	
5	10	
5	10	
5	15	



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Project	Colorado Smelter OU2	RPM	Jesse Avilés	Total Score
Fund	Pipeline	Updated	5/31/2018	HEC
State	Colorado	EPA ID	CON000802700	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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80

30

50

Multiplier (1-5)	Score	Notes
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3 12

3 9

3 9

5 15

5 10

5 10

5 15

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Project	Denver Radium	RPM
Fund	Special account	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Armando Saenz	Total Score	20
6/5/2018	HEC	10
	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	Summitville Mine	RPM	Jesse Aviles	Total Score
Fund	Fund/State lead	Updated	5/30/2018	HEC
State	Colorado	EPA ID	COD983778432	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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45

11

34

Multiplier (1-5)	Score	Notes
2	8	
1	3	
2	0	
5	15	
2	4	
3	6	
3	9	

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Project	Uravan Uranium	RPM	Fran Costanzi	Total Score
Fund	State lead/ Radiation Program	Updated	5/30/2018	HEC
State	Colorado	EPA ID	COD007063274	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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44

10

34

Multiplier	Score	Notes
(1-5)		
1	4	
1	3	
1	3	
5	15	
1	2	
4	8	
3	9	



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Project	Arsenic Trioxide	RPM	Fran Costanzi	Total Score
Fund	Fund Lead/Deleted and in O&M	Updated	5/30/2018	HEC
State	North Dakota	EPA ID	NDD980716963	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

municipal interest  
owner interest  
renewable energy potential

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20

10

10

Multiplier (1-5)	Score	Notes
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1	4	
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1	3	
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1	3	
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1	3	
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1	2	
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1	2	
---	---	--

1	3	
---	---	--

Arsenic  
Trioxide

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Project	Minot Landfill	RPM	Fran Costanzi	Total Score
Fund	PRP	Updated	5/30/2018	HEC
State	North Dakota	EPA ID	NDD980959548	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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44

10

34

Multiplier (1-5)	Score	Notes
1	4	
1	3	
1	3	
1	3	
5	10	
3	6	
5	15	



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Project	Carpenter Snow Creek - OU1	RPM	Tillman McAdams	Total Score	52
Fund		Updated	5/18/2018	HEC	34
State	Montana	EPA ID	MT0001096353	PCNR	18

Prioritization Criteria		Weight	Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects	4	16	Currently, approximately 120 residential and adjacent properties have been identified as meeting action levels for remediation. No Children under the age of 12 are permanent
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Belt Creek Tailings, which have contaminated waste from an Emergency Response Removal Action located on top (was to be a temporary
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Lead is the primary contaminant: Arsenic, Zinc, Cadmium are present
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Awaiting RA: Basis of Design set for 3-5 years for completion of Residential Yards and removal of Belt Creek tailings: a year of construction will be required for haul roads and Repository development (once the legal approach for establishing Mackay Gulch is decided on)
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors	2	4	Community has been waiting for action since the March 2009 ROD: 'Superfund fatigue'
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	1	2	Rarely contacted by citizens or political entities
Reuse/Redevelopment	BFPP/Developer interest municipal interest owner interest renewable energy potential	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3	Any economic development would be subject to completion of Remedial Action (the entire Site: OU1, OU2, and OU3). Due to remote location, development would be more recreation and vacation oriented.

Project	Davenport Flagstaff	RPM	Erna Waterman	Total Score
Fund		Updated	4/27/2018	HEC
State	Utah	EPA ID	UTD988075719	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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10

4

6

Multiplier	Score	Notes
(1-5)		

2

1

1

3 Deletion work to be completed FY2018

2

1

0

2

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Project	Twins Inn - Alt Site	RPM	Erna Waterman	Total Score
Fund	PRP Special Account DOW	Updated	4/17/2018	HEC
State	Colorado	EPA ID	CO	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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28

10

18

Multiplier	Score	Notes
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(1-5)		
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1	4	Tank removal needed - Action Memo in draft
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1	3	
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1	3	
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1	3	
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2	4	Transition property - homeless, new light rail line, more commercial
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1	2	
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3	9	Redevelopment started
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Project	IWOR	RPM	Erna Waterman	Total Score
Fund	IWOR Special Account	Updated	4/17/2018	HEC
State	Utah	EPA ID	UTD0001277359	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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30

14

16

Multiplier	Score	Notes
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(1-5)		
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2	8	Lack of data for upgradient plume
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2	8	Lack of data for upgradient plume
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1	3	
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1	3	
---	---	--

1	3	
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1	3	
---	---	--

3	9	2019 Site Deletion candidate
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3	9	2019 Site Deletion candidate
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1	2	
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1	2	
---	---	--

1	2	
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1	2	
---	---	--

1	3	Site has been re-developed
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1	3	Site has been re-developed
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Project	I S & R	RPM	Erna Waterman	Total Score
Fund	PRP - Special Account ARCO/BP	Updated	4/17/2018	HEC
State	Utah	EPA ID	UTD988075719	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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43  
33  
10

Multiplier (1-5)	Score	Notes
3	12	
4	12	
3	9	
1	3	Site is already deleted
1	2	
1	2	
1	3	

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Project	Ogden Rail Yard	RPM	Erna Waterman	Total Score
Fund	PRP Special Account UPRR	Updated	4/17/2018	HEC
State	Utah	EPA ID	UTD000716407	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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30

14

16

Multiplier (1-5)	Score	Notes
2	8	Homeless population on camps
1	3	
1	3	
1	3	
1	3	
1	2	EJ community is near by
1	2	
3	9	Popular re-use of area

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Project	VBI-70 OU2	RPM
Fund	PRP	Updated
State	Colorado	EPA ID

Prioritization Criteria		Weight
Human Health Risk	likelihood of exposure population size proximity to contaminants	4
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local support	2
Political Factors	congressional interest national/regional significance state priority	2
Reuse/Redevelopment	BFPP/Developer interest municipal interest owner interest renewable energy potential	3

Jesse Avilés	Total score	52
1/19/2018	HEC	17
CO0002259588	PCPR	35

Thresholds	Modifiers	Multiplier (1-5)	Score
Risk levels approaching Removal response levels	Documented exposures/effects	2	8
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6
Targets achievable within three years/ongoing work	Key target, Project completion	4	12
Documented disproportionate effects	Multiple socio-economic factors	3	6
All may be thresholds	Depth/Strength of interest	1	2
Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15



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**Notes**

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Site is located in in a mixed use area. Exposure to contaminants will be low once the removal project is complete.

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Minimum ecological risk is expected. Closest ecological impact area is the South Platte River adjacent to the site.

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The area is a former landfill that was closed in place. There is a large volume of landfill waste. Although persistent the contaminants are mostly immobile.

---

Within three years, I expect that the RI will be complete. This will provide sufficient data to complete, along with activities at OU3, EI725.

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A CAG exists for the site.

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This site is not of national or regional significance.

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The City and Council of Denver is interested in the redevelopment of the area. Various infrastructure projects within and around the site are under construction.

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Project	VBI-70 OU3	RPM	Jesse Avilés	Total Score
Fund	Pipeline	Updated	1/19/2018	HEC
State	Colorado	EPA ID	CO0002259588	PCPR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure	4	Risk levels approaching Removal response levels	Documented exposures/effects
	population size proximity to contaminants			
Ecological Risk	threat to a significant environment	3	Population level effects or large-scale habitat loss	Documented exposures/effects
	threat to special status species or their habitats			
Contaminant Factors	concentration	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
	mobility toxicity volume			
Programmatic Goals	deletion or partial deletion potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
	EI status GPRA/ACS target ongoing work SWRAU potential			
Community Factors	environmental justice	2	Documented disproportionate effects	Multiple socio-economic factors
	local support			
Political Factors	congressional interest	2	All may be thresholds	Depth/Strength of interest
	national/regional significance state priority			
Reuse/Redevelopment	BFPP/Developer interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs
	municipal interest			

owner interest  
renewable energy potential

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50

27

23

Multiplier (1-5)	Score	Notes
3	12	Site is located in in a mixed use area. GW plume stretches over residential area. Water is supplied from the city.
1	3	Minimum ecological risk is expected. Closest ecological impact area is the South Platte River to the east of the site.
4	12	Source of the contaminants is a former smelter. Contaminants mobilized in groundwater.
4	12	Within three years, I expect that the RI will be complete. This will provide sufficient data to complete, along with activities at OU2, EI725.
3	6	A CAG exists for the site. The CAG mentioned they are interested in in all OU of the site.
1	2	This site is not of national or regional significance.
1	3	The area is of mixed use. I do not know of any project that is impeded by the site.

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Project	Libby Groundwater	RPM	Andrew Schmidt	Total score	58
Fund*	PRP	Updated	2/28/2018	HEC	19
State	Montana	EPA ID		PCPR	39

Prioritization Criteria		Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects	1	4
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	1	3
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion	3	9
Community Factors	environmental justice local support	2	Documented disproportionate effects	Multiple socio-economic factors	4	8
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	5	10
Reuse/Redevelopment	BFPP/Developer interest municipal interest owner interest renewable energy potential	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12

Notes:  
\* PRP site w/special account

Notes
Human's are the main receptors. Currently, there is little to no risk, but additional institutional controls are necessary.
Limited or no eco risk.
Former wood treating facility, so contaminants are highly toxic and recalcitrant.
In the process of selecting a new remedy for the shallow aquifer. ESD or ROD amendment likely within the next year. A Controlled Groundwater Area will also ideally be implemented within the next year or two.
The Libby Groundwater Site has generally been far less visible than the asbestos site, however, with the reduction in activity for the asbestos site, and with issues such as the Controlled Groundwater Area and the new remedy for the upper aquifer, the Libby Groundwater Site could become higher profile temporarily.
The main political factors and/or exposures are the effort to implement the CGA, and the focus on reuse with Libby Asbestos OU5.
See above.

Project	Murray Smelter	RPM	Erna Waterman	Total Score
Fund	PRP -Special Account ASARCO	Updated	4/17/2018	HEC
State	Utah	EPA ID	UTD980951420	PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs



owner interest  
renewable energy potential

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29

13

16

Multiplier (1-5)	Score	Notes
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1	4	
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1	3	
---	---	--

2	6	
---	---	--

1	3	Site is deleted
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1	2	
---	---	--

1	2	
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3	9	ESD or ROD Amendment potential if land use changes to allow apartments
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Project	Mystery Bridge	RPM	Andrew Schmidt	Total Score
Fund*	PRP	Updated	2/28/2018	HEC
State	Wyoming	EPA ID		PCPR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	1	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	0	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	2	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	5	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local support	1	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	4	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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Notes:

\* PRP site w/special account

41

11

30

Multiplier (1-5)	Score	Notes
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3	3	The site currently presents no risk to human health or the environment.
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1	0	The site currently presents to risk to human health or the environment.
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4	8	The primary contaminant is PCE, which is highly toxic and persistent. However, concentrations and residual mass are minimal.
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4	20	The Kinder Morgan parcel was deleted in 2017. The DOW/DSI parcel appears ready for deletion, but is currently being held up by state concerns over data quality and historical cleanup documentation.
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3	3	The community appears to not be concerned or terribly interested in the Site. Ownership turnover since listing and subsequent connection to public water supply resolved many of the initial issues.
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1	4	This site is not of political significance, with the exception of the facts that it is Wyoming's only Superfund Site, and due to its proximity to deletion, the current administration could be highly interested.
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1	3	The area is a mix of residential and industrial commercial. The DOW/DSI property is not currently in use. If the site were to be deleted from the NPL, presumably it could be put to another industrial or commercial use (institutional controls prevent
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any other use).

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Project	Marshall Landfill
Fund*	PRP
State	Colorado
<b>Prioritization Criteria</b>	
Human Health Risk	likelihood of exposure population size proximity to contaminants
Ecological Risk	threat to a significant environment threat to special status species or their habitats
Contaminant Factors	concentration mobility toxicity volume
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential
Community Factors	environmental justice local support
Political Factors	congressional interest national/regional significance state priority
Reuse/Redevelopment	BFPP/Developer interest municipal interest



owner interest  
renewable energy potential

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Notes:

\* PRP lead, but archaic CD prevents EPA from conducting additional cost recovery.

RPM	Andrew Schmidt	Total Score	<b>31</b>
Updated	2/28/2018	HEC	12
EPA ID		PCPR	19

Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
1	Risk levels approaching Removal response levels	Documented exposures/effects	3	3
1	Population level effects or large-scale habitat loss	Documented exposures/effects	1	1
2	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	8
3	Targets achievable within three years/ongoing work	Key target, Project completion	4	12
1	Documented disproportionate effects	Multiple socio-economic factors	3	3
1	All may be thresholds	Depth/Strength of interest	1	1
3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3

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**Notes**

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The site currently presents little or no risk to human health or the environment.

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The site currently presents little or no risk to human health or the environment.

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Most contaminants are relegated to the former landfill area. The primary exception is an off-site plume of 1,4-dioxane, which is currently being delineated, and decision needs to be made regarding future management of the plume.

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The site could be a potential candidate for deletion if the 1,4-dioxane issue is resolved in the near future. However, the site appears to be a low priority for the region.

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Community awareness and concern appear to be low.

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The local and national significance of this site are low.

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The site is an ideal candidate for additional solar development. However, difficulties with the current landowners is preventing further progress.

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Project	California Gulch	RPM	Linda Kiefer	Total Score
Fund	Special account	Updated	4/11/2018	HEC
State	Colorado	EPA ID		PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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65

30

35

Multiplier (1-5)	Score	Notes
3	12	
3	9	
3	9	
4	12	
2	4	
2	4	
5	15	



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Project  
Fund\*  
State

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**Prioritization Criteria**

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Human Health Risk

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Ecological Risk

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Contaminant Factors

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Programmatic Goals

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Community Factors

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Political Factors

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Reuse/Redevelopment

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Notes:

\* PRP lead, but EPA cannot cost recover and is limited by a Special Account that was created from revenues generated from the property transfer.

French Gulch (SAS)	RPM	Andrew Schmidt	Total Score	36
Special account	Updated	2/28/2018	HEC	16
Colorado	EPA ID		PCPR	20

	Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
likelihood of exposure population size proximity to contaminants	1	Risk levels approaching Removal response levels	Documented exposures/effects	3	3
threat to a significant environment threat to special status species or their habitats	5	Population level effects or large-scale habitat loss	Documented exposures/effects	1	5
concentration mobility toxicity volume	2	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	8
deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	1	Targets achievable within three years/ongoing work	Key target, Project completion	4	4
environmental justice local support	3	Documented disproportionate effects	Multiple socio-economic factors	3	9
congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	1	2
BFPP/Developer interest municipal interest	5	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	5

owner interest  
renewable energy potential

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**Notes**

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Risks to human health are limited.

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French Creek cannot support fish downstream of the Wellington-Oro mining complex.

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French Creek cannot support fish downstream of the Wellington-Oro mining complex. Contaminants are primarily Zn and Cd, which limit aquatic life, but only affect ~2.2 miles of French Creek and a small section of the Blue River.

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The site does not appear to be a regional goal. The time line for progress is also likely long.

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The local community would be supportive of water quality improvements, but it doesn't appear to be a big issue for the City and County.

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As above, the site has not historically been a big regional or state priority. It is more of a local issue, and even then, it doesn't appear to be of high concern.

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The site has already been partially redeveloped with mixed income housing. The remaining portions of the site are to be designated open-space. No further activity or development is likely.

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Project  
Fund\*  
State

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**Prioritization Criteria**

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Human Health Risk

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Ecological Risk

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Contaminant Factors

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Programmatic Goals

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Community Factors

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Political Factors

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Reuse/Redevelopment



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Notes:

\* A very small special account is present, which will likely be spent (or should be spent) in FY18.

Standard Mine	RPM	Andrew Schmidt	Total Score	41
Pipeline	Updated	2/28/2018	HEC	14
Colorado	EPA ID		PCPR	27

	Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
likelihood of exposure population size proximity to contaminants	1	Risk levels approaching Removal response levels	Documented exposures/effects	3	3
threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	1	3
concentration mobility toxicity volume	2	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	8
deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	4	Targets achievable within three years/ongoing work	Key target, Project completion	4	16
environmental justice local support	3	Documented disproportionate effects	Multiple socio-economic factors	3	9
congressional interest national/regional significance state priority	1	All may be thresholds	Depth/Strength of interest	1	1
BFPP/Developer interest municipal interest	1	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	1

owner interest  
renewable energy potential

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**Notes**

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Risks to human health are limited.

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Elk Creek is unable to support aquatic life downstream of the Standard Mine. However, the gradient and nature of the stream limits its ability to support fish.

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The contaminants are heavy metals, which impact the ability of Elk Creek to support aquatic life. However, concentrations are largely diluted by the time the stream reaches Coal Creek, which is the water supply for the Town of Crested Butte.

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The Site is in the O&F period and the remedial action has been completed for Phase 1. As a result, Remedial Action Completion is a target for this FY.

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The local community is very interested in the site, despite its limited impact. Monitoring during the Interim Monitoring Period will be carried out by the Coal Creek Watershed Coalition, a local non-profit.

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This site is of low national and regional significance, with the exception of it being a mining site. Locally, it is of interest.

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The site is located in a high alpine environment. Reuse is not an issue, rather returning the site to as natural of a state as possible so that recreationalist can enjoy nature is the key goal.

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Project  
Fund\*  
State

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**Prioritization Criteria**

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Human Health Risk

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Ecological Risk

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Contaminant Factors

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Programmatic Goals

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Community Factors

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Political Factors

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Reuse/Redevelopment

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Notes:

\* A very small special account is present, which will likely be spent (or should be spent) in FY18.

Jacobs Smelter	RPM	Andrew Schmidt	Total Score	50
Pipeline	Updated	2/28/2018	HEC	27
Utah	EPA ID		PCPR	23

	Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects	3	12
threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	1	3
concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12
deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion	4	12
environmental justice local support	2	Documented disproportionate effects	Multiple socio-economic factors	3	6
congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	1	2
BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3



owner interest  
renewable energy potential

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**Notes**

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Clear risks to human health have been identified. Remedial design work is currently underway for the final portions of OU2. An RI/FS has yet to be scoped for OU6.

Risks are present for eco receptors, but are relatively low relative to human health risks.

The primary COCs are lead and arsenic, which are highly toxic. The volume of contaminants is fairly high in OU2, which is currently undergoing remedial design.

Remedial design work is currently in process, with remedial action slated for next year. OU6 still needs to undergo the RI/FS process.

The local community is interested, but not overly so. Most of the interest surrounds additional residential development on a portion of OU2. The local population is quite small (Stockton, UT).

The political significance of this site currently appears to be limited.

There is limited redevelopment opportunity at the Site. Most of OU2 that is being remediated is used for recreational purposes. However, there is a small portion that a developer would like to use to build additional homes. Talks are currently

underway with the developer, EPA and UDEQ.

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Project	Richardson Flat OU 2/3	RPM
Fund	PRP	Updated
State	Utah	EPA ID

Prioritization Criteria		Weight
Human Health Risk	likelihood of exposure population size proximity to contaminants	4
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2
Reuse/Redevelopment	BFPP/Developer interest municipal interest owner interest renewable energy potential	3

Rob Parker	Total Score	59
4/5/2018	HEC	32
UTD980952840	PCNR	27

Thresholds	Modifiers	Multiplier (1-5)	Score
Risk levels approaching Removal response levels	Documented exposures/effects	2	8
Population level effects or large-scale habitat loss	Documented exposures/effects	5	15
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9
Targets achievable within three years/ongoing work	Key target, Project completion	1	3
Documented disproportionate effects	Multiple socio-economic factors	2	4
All may be thresholds	Depth/Strength of interest	4	8
Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12

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Notes

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Project	Sharon Steel	RPM	Dania Zinner	Total Score
Fund	Special account	Updated	4/9/2018	HEC
State	Utah	EPA ID		PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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32

10

22

Multiplier	Score	Notes
(1-5)		

1

4

1

3

1

3

1

3

1

2

1

2

5

15

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Project	Midvale Slag	RPM	Dania Zinner	Total Score
Fund	Special account	Updated	4/9/2018	HEC
State	Utah	EPA ID		PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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32

10

22

Multiplier	Score	Notes
(1-5)		
1	4	
1	3	
1	3	
1	3	
1	2	
1	2	
5	15	

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Project	Libby Asbestos	RPM	Dania Zinner	Total Score
Fund	Special account/PRP	Updated	4/9/2018	HEC
State	Montana	EPA ID		PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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68

22

46

Multiplier (1-5)	Score	Notes
1	4	
1	3	
5	15	
5	15	
4	8	
4	8	
5	15	

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Project	Upper Tenmile Creek Mining Area Site	RPM	Tillman McAdams	Total Score	82
Fund		Updated	5/17/2018	HEC	50
State	Montana	EPA ID	MTSFN7578012	PCNR	32

Prioritization Criteria		Weight	Thresholds	Modifiers	Multiplier (1-5)	Score
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects	5	20
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	5	15
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	5	15
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion	3	9
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors	1	2
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	3	6
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15

owner interest  
renewable energy potential

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Notes
Voluntary Bottled Water Program provides water to 30 Residences having Arsenic in exceedance of MCL: others with impacted wells have refused to participate. City of Helena Water Plant in
Zinc exceeds eco toxicity values. Primary species involved are Trout. Others include Deer, Elk, Canada Lynx, Black Bears, Grizzly Bears, Eagles
Arsenic removed from the Little Lily (located in Rimini) ranged from 75Kppm to 186Kppm (18.6 % Arsenic) and the area is contributing to the high arsenic levels in the communities groundwater/drinking water. Mobile and
2008 ROD Amendment requires drinking water supply for Rimini be developed from surface water which requires completion of treatment of Pauper's Pit, Bunker Hill,National Extension, Susie, Red Water, & Lee Mountain/Little Lily Complex Adit Discharges: acheivable in 3 years
Tag group discontinued by citizens in 2012 due to illness of prominent members and fatigue wiht the Superfund process. Segments of the
Senator Tester and Senator Daines have expressed interest and receive updates/fact sheets
City of Helena and MDEQ have high interest in Zinc reduction so the load taken in from Tenmile Creek , at the Upper Tenmile Creek Water

Treatment Plant, does not result in any further  
violation of MPDES. Rimini interest in a solution

Project	Lockwood Solvents GW Plume OU1 (former Beall	RPM	Tillman McAdams	Total Score	50
Fund	Fund Lead w DOJ Bankruptcy Special Acct	Updated	5/17/2018	HEC	16
State	Montana	EPA ID	MT0007623052	PCNR	34

Prioritization Criteria	Weight	Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Human Health Risk	4	Risk levels approaching Removal response levels	Documented exposures/effects	1	4	City of Lockwood now has alternate drinking water supply /municipal system. EPA/MDEQ/MTDNRC working for a Groundwater Restriction area so private wells are only used for
Ecological Risk	3	Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	tried to enter zero but not allowed.... No pathway.
Contaminant Factors	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Aquifer impacted down to 45 feet bls with TCE and breakdown/'daughter' contaminants. Plume contamination is slightly elevated above MCL with some seasonal monitoring points indicating levels dropping below MCL during
Programmatic Goals	3	Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Currently conducting an SVE Pilot and awaiting results. Insitu-bioremediation may be required but should enter O&M within 3 years
Community Factors	2	Documented disproportionate effects	Multiple socio-economic factors	2	4	Interest mainly focused on property transactions now that alternate drinking water supply has been in place for years.
Political Factors	2	All may be thresholds	Depth/Strength of interest	3	6	Senator Daines and Senator Tester's Office are updated concerning progress.
Reuse/Redevelopment	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9	Current Leasee has indicated interest in purchasing the property and expanding the facility. This involves Montana Jobs and may have impact on Congressional Interest

renewable energy potential

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Project	Bonita Peak Mining District	RPM	Christina Prograss	Total Score
Fund	PRP	Updated	2/8/2018	HEC
State	Colorado	EPA ID		PCNR

Prioritization Criteria		Weight	Thresholds	Modifiers
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest
Reuse/Redevelopment	BFPP/Developer interest municipal interest	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs

owner interest  
renewable energy potential

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70

31

39

Multiplier (1-5)	Score	Notes
1	4	Site has limited human health, eco risk driven
5	15	3 drainages impacted significantly by mining, limited aquatic life
4	12	large volume of contamination across 3 drainages; sediment/sw/gw impacted; significant eco toxicity
3	9	site not able to achieve gw/sw GPRA targets for many years; ongoing work to improve EI indicators and GPRA targets; HH under control should be achievable soon;
4	8	multiple active community groups within Durango and Silverton, economic impacts from GKM, local support of ongoing work
5	10	Administrator's Top 21 list, significant national attention and political interest
4	12	Significant municipal interest and economic benefit (jobs) to local contractors for cleanup

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Project	ACM Smelter & Refinery OU1	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
BFPP/Developer interest	
municipal interest	
owner interest	
renewable energy potential	

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Charlie Coleman	Total Score	41
4/23/2018	HEC	17
MTD093291599	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Low level arsenic and lead in residential soils.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Eco- risk deferred to OU 2.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Lead toxicity in children.
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	Cleanup anticipated to be completed by 2021.
Documented disproportionate effects	Multiple socio-economic factors	3	6	Low income community. High community involvement.
All may be thresholds	Depth/Strength of interest	3	6	Local government and community (water/sewer District) interest high. Medium congressional interest.

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Interest in the development of adjacent areas.
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Project	ACM Smelter & Refinery OU1	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Charlie Coleman	Total Score	65
4/23/2018	HEC	26
MTD093291599	PCNR	39

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Site has been reclaimed with soil cover. Anticipated landuse is recreational.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Site has limited exposure areas. GW/SW seeps could potentially affect the Missouri River.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Unknown buried waste.
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	RI/FS just initiated. Remedial action likely to exceed three years.
Documented disproportionate effects	Multiple socio-economic factors	3	6	Community interest in redevelopment
All may be thresholds	Depth/Strength of interest	3	6	County and community interest in redevelopment. Medium congressional interest.

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 High redevelopment interest (recreational).
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Project	Anaconda Smelter - ARWWS OU4	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Charlie Coleman	Total Score	69
4/23/2018	HEC	26
MTD093291656	PCNR	43

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Waste left in place remedy is mostly complete. Controlled access.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Large habitat areas affected. Migratory bird risks. Designated bull trout habitat.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Large areas of waste left in place. Large areas of impacted soils with potential to affect surface waters.
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Anaconda is targetd by Administrator for special emphasis. Cleanup to be completed by 2025.
Documented disproportionate effects	Multiple socio-economic factors	3	6	Large area adjacent to community.
All may be thresholds	Depth/Strength of interest	5	10	Anaconda is targetd by Administrator for special emphasis. Congressional interest is high. State natural resource damages. To be addressed.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 High redevelopment interest. Slag reuse ongoing with high potential. Interest in renewable energy.
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Project	Anaconda Smelter - OW/EADA OU7	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Charlie Coleman	Total Score	73
4/23/2018	HEC	23
MTD093291656	PCNR	50

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Waste left in place remedy mostly complete. Anticipated land use is commercial or recreational.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Eco-risk deferred to ARWWS OU. Warm Springs Creek designated potential bull trout habitat.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	2 million cubic yards of waste left in place with elevated levels of heavy metals and arsenic.
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Anaconda is targeted by Administrator for special emphasis. Cleanup to be completed by 2025.
Documented disproportionate effects	Multiple socio-economic factors	5	10	Property conveyed to County for economic redevelopment
All may be thresholds	Depth/Strength of interest	5	10	Anaconda is targeted by Administrator for special emphasis. High community and congressional interest.

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 High interest for redevelopment. Previous remedy constructed Jack Nicklaus golf course to provide catalyst for redevelopment.
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Project	Anaconda Smelter - CSOU16	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Charlie Coleman	Total Score	71
4/23/2018	HEC	21
MTD093291656	PCNR	50

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Low level arsenic and lead in residential yards. Nearly 1000 yards remediated, with another 1000 remaining.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Eco-risk deferred to ARWWS OU
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Lead toxicity in children
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	CSOU targeted by Administrator for special emphasis. Cleanup targeted to be complete by 2025.
Documented disproportionate effects	Multiple socio-economic factors	5	10	High poverty community. Above State average health issues. Laandowner lawsuit to restore property.
All may be thresholds	Depth/Strength of interest	5	10	CSOU targeted by Administrator for special emphasis. High community and congressional interest.

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 High interest from local government to redevelop or restore property
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Project	Anaconda Aluminum Columbia Falls Reduction Plant	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance	2

	state priority	
Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

Mike Cirian	Total Score	37
7/10/2018	HEC	17
MTD057561763	PCNR	20

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	potential human exposure through ground water
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	no documented releases to the Flathead River
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	relatively low levels of cyanide in ground water; some domestic use of ground water in the vicinity
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	currently in the RI/FS phase
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	3	6	fairly high political interest from Montana congressional delegation

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 high redevelopment potential at the entrance to Glacier National Park
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Project	Barker Hughesville OU1	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Roger Hoogerheide	Total Score	67
4/5/2018	HEC	36
MT6122307485	PCNR	31

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Majority of waste removed by Doe Run Resources under 2 removals. 14 discharging adits in district as well as over 100,000 cubic yards of uncontrolled solid waste
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Isolated pockets of westlope cutthroat trout have been protected by chemical barrier from mine contamination. Mt FWP built fish barrier in 2014
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	Could get an interim ROD in next 18 months.
Documented disproportionate effects	Multiple socio-economic factors	1	2	minimal community interest
All may be thresholds	Depth/Strength of interest	4	8	Cascade County Commissioners are engaged. State received \$8 million from ASARCO bankruptcy that could be used to fund limited scope remedial action. Lots of PRP engagement

Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Given it's close proximity to Great Falls, several homes have been built on patented mine claims in past couple of years.
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Project	Barker Hughesville OU2	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Roger Hoogerheide	Total Score	59
4/5/2018	HEC	36
MT6122307485	PCNR	23

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Fluvial deposit waste in Dry Fork Belt Creek. Several primitive campgrounds are located in tailings with lead as high as 10,000 ppm
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Isolated pockets of westlope cutthroat trout have been protected by chemical barrier from mine contamination. MT FWP built fish barrier in 2014
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	On hold until remedial action commences in OU1
Documented disproportionate effects	Multiple socio-economic factors	1	2	minimal community interest
All may be thresholds	Depth/Strength of interest	3	6	Majority of land is administered by USFS. USFS has expressed interest in taking lead at OU2

Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Given it's close proximity to Great Falls, Dry Fork Belt Creek is heavily recreated during the summer..
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Project	Basin Mining Area OU2	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Allie Archer	Total Score	30
7/10/2018	HEC	20
MTD982572562	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	recreational exposure to mine wastes containing lead and arsenic; residential exposures in the town of Basin addressed under the OU1 ROD and remedial action
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	moderate ecological impacts from discharging adits at the Bullion Mine (OU6) and Crystal Mine (OU5)
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	predominantly ecorisk, no sensitive habitats
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	Interim RODs signed for OU5 and OU6; waiting for RA funding prioritization since 2015; OU2 watershed RI/FS will proceed when pipeline funding is available and RA is complete at OU5 and OU6
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	low political interest

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 low redevelopment interest
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Project	BN Somers	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Roger Hoogerheide	Total Score	53
4/5/2018	HEC	29
MTD53038386	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	All home owners were bought out by BNSF in 2012 and 2013. Soils have been cleaned up.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Residual contamination located close to Flathead Lake which is designated critical habitat for Bull Trout. Northern shore of Flathead Lake erodes
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Creosote compounds (Polycyclic aromatic hydrocarbons and benzene,
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	Site deferred to RCRA corrective action in 1992 but BNSF is under CERCLA order. No programmatic targets tracked
Documented disproportionate effects	Multiple socio-economic factors	3	6	Most involved community I deal with
All may be thresholds	Depth/Strength of interest	3	6	Interest at all levels

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Potential to expand upon offshore gravel beach to allow for a primitive boat launch/fishing location.
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Project	Mouat Industries	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Roger Hoogerheide	Total Score	37
4/5/2018	HEC	13
MTD021997689	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	All actions have been completed at site
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Localized groundwater plume.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Chromium VI.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Site is eligible for full deletion except that all actions at site were done using removal authority. Also need legal support to negotiate O&M with PRPs for state to sign ROD
Documented disproportionate effects	Multiple socio-economic factors	1	2	minimal community interest
All may be thresholds	Depth/Strength of interest	2	4	No political interest. Town of Columbus is a PRP at the site and is responsible for maintaining lcs at Site

Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 2 of the 3 parcels where waste has been left in place have been developed. The third parcel will likely be developed in 2019
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Project	Carpenter Snow Creek OU2	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Roger Hoogerheide	Total Score	60
4/5/2018	HEC	36
MT0001096353	PCNR	24

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Over 500,000 cubics yards of unconsolidated mine waste. Several residences located on Neihart Slope. Over 20 discharging adits
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Wolverines have been documented in scree piles above mine waste in Snow Creek. Elk and moose use Big Seven tailings impoundment. Site
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	Could get an interim ROD in next 24 months.
Documented disproportionate effects	Multiple socio-economic factors	1	2	minimal community interest
All may be thresholds	Depth/Strength of interest	2	4	Cascade County Commissioners are engaged. No major PRPs.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Given it's close proximity to Great Falls, several homes have been built on patented mine claims in past couple of years.
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Project	Carpenter Snow Creek - OU1	RPM	Tillman McAdams	Total Score	52
Fund		Updated	5/18/2018	HEC	34
State	Montana	EPA ID	MT0001096353	PCNR	18

Prioritization Criteria		Weight	Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Human Health Risk	likelihood of exposure population size proximity to contaminants	4	Risk levels approaching Removal response levels	Documented exposures/effects	4	16	Currently, approximately 120 residential and adjacent properties have been identified as meeting action levels for remediation. No Children under the age of 12 are permanent
Ecological Risk	threat to a significant environment threat to special status species or their habitats	3	Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Belt Creek Tailings, which have contaminated waste from an Emergency Response Removal Action located on top (was to be a temporary
Contaminant Factors	concentration mobility toxicity volume	3	Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Lead is the primary contaminant: Arsenic, Zinc, Cadmium are present
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3	Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Awaiting RA: Basis of Design set for 3-5 years for completion of Residential Yards and removal of Belt Creek tailings: a year of construction will be required for haul roads and Repository development (once the legal approach for establishing Mackay Gulch is decided on)
Community Factors	environmental justice local involvement	2	Documented disproportionate effects	Multiple socio-economic factors	2	4	Community has been waiting for action since the March 2009 ROD: 'Superfund fatigue'
Political Factors	congressional interest national/regional significance state priority	2	All may be thresholds	Depth/Strength of interest	1	2	Rarely contacted by citizens or political entities
Reuse/Redevelopment	BFPP/Developer interest municipal interest owner interest renewable energy potential	3	Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3	Any economic development would be subject to completion of Remedial Action (the entire Site: OU1, OU2, and OU3). Due to remote location, development would be more recreation and vacation oriented.

Project	Carpenter Snow Creek OU3	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

Roger Hoogerheide	Total Score	75
4/5/2018	HEC	44
MT0001096353	PCNR	31

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	5	20	Over 750,000 cubics yards of unconsolidated mine waste. Nine residences built on top of tailings with some yards having leav above 6000 ppm, 2 discharging adits
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Isolated pockets of westlope cutthroat trout have been protected by chemical barrier from mine contamination. Mt FWP has funds to build fish
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	Could get an interim ROD in next 18 months.
Documented disproportionate effects	Multiple socio-economic factors	1	2	minimal community interest
All may be thresholds	Depth/Strength of interest	4	8	Cascade County Commissioners are engaged. PRPs are engaged



Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Given it's close proximity to Great Falls, several homes have been built on patented mine claims along Carpenter Creek since site was listed in 2001
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Project	East Helena OU2	RPM
Fund	Special Account	Updated
State	MT	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Betsy Burns	Total Score	70
4/27/2018	HEC	33
MTD006230346	PCNR	37

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Over 1700 properties have been remediated. RRROW is the remaining RA to be completed.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Over 1700 properties have been remediated. RRROW is the remaining RA to be completed.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Lead and arsenic.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Partial deletion could be achieved by 2021.
Documented disproportionate effects	Multiple socio-economic factors	4	8	Good community support.
All may be thresholds	Depth/Strength of interest	4	8	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12
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Project	Flat Creek IMM	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Allie Archer	Total Score	35
7/10/2018	HEC	20
MTO012694970	PCNR	15

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	residential exposures addressed through OU1 ROD and remedial action; state/USFS removal action underway for streamside tailings; EPA RI/FS for OU2 to proceed when sufficient
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	RI/FS will include Baseline Ecological Risk Assessment
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Flat Creek flows into the Clark Fork River
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	1	2	low congressional interest



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 moderate redevelopment potential
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Project	Idaho Pole	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Roger Hoogerheide	Total Score	58
4/5/2018	HEC	23
MTD006232276	PCNR	35

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Remedial Action of is completed. Waste left on site that do not allow for unlimited use/unrestricted exposure. Dixoin is a COC and levels in soils above ROD cleanup levels. ICs in
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Minimum ecological risk is expected. Closest ecological impact area is the East Gallatin River north of the site.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Contaminants of concern are Polycyclic aromatic hydrocarbons, pentachlorophenol and dioxin/furans. Scored high due to PCP and dixoins
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	Partial deletion of soils achievable in 1 year, All other targets have already been accomplished. Transitioning from active pump and treat to monitored natural attenuation
Documented disproportionate effects	Multiple socio-economic factors	3	6	Board of health has expressed concerns about migration of gw plume and impacts to downgradient residents on well water.
All may be thresholds	Depth/Strength of interest	1	2	Not much interest

Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 There is a lot of interest in development of this property. The 41 acres south of I90 is less than 1 mile from downtown. Property is currently for sale at \$100,000 acre.
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Project	Lockwood Solvent OU2	RPM
Fund	Pipeline	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Roger Hoogerheide	Total Score	61
4/5/2018	HEC	34
MT0007623052	PCNR	27

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	4	16	Residents were placed on municipal water in 2000 (TCRA). Chlorinated solvent concentrations in source area soils and groundwater approach removal response levels but these are currently
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Localized groundwater plume. Soil contamination is ongoing with active excavations. Coulsen ditch runs through
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Chlorinated solvents
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Remedial action starts for groundwater and soils last year. Estimate 6 years to complete soil cleanup and 10 + years to complete groundwater cleanup
Documented disproportionate effects	Multiple socio-economic factors	3	6	minimal community interest although Controlled Groundwater Area will be designated in 2018 and affects over 200 property owners. This will
All may be thresholds	Depth/Strength of interest	3	6	No political interest. Lockwood water and sewer district interested and Yellowstone County Commissioners and Riverstone Health engaged



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Some of the eastern parcels may go up for sale within the next year
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Project	Milltown Reservoir Sediments OU2	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Sara Sparks	Total Score	32
4/24/2018	HEC	10
MTD980717565	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	cleanup complete
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	cleanup complete
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	cleanup complete
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	deletion to proceed when ground water wells meet federal MCLs
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Milltown State Park development of trails and facilities.
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Project	Milltown Reservoir Sediments/Clark Fork River OU3	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance	2

	state priority	
Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

Sara Sparks	Total Score	23
4/24/2018	HEC	13
MTD980717565	PCNR	10

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	low human exposure/risk
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	low ecological risk; macroinvertebrate sampling indicates strong recovery and healthy ecosystem; Bull Trout critical habitat
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	copper/zinc/arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	1	3	State lead RD/RA using settlement funds from Atlantic Richfield; state plan for 20+ year cleanup
Documented disproportionate effects	Multiple socio-economic factors	1	2	
All may be thresholds	Depth/Strength of interest	1	2	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3
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Project	SBCBA BMFOU3	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Nikia Greene	Total Score	71
4/20/2018	HEC	26
MTD980502777	PCNR	45

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Controlled Groundwater Area implemented for the long-term. Dust is controlled from the Yankee Doodle tailings impoundment via wetting. (was a problem in the past)
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Contaminated groundwater will be treated to meet water quality standards before everbeing discharged to SBC.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Heavy Metals (AMD)
Targets achievable within three years/ongoing work	Key target, Project completion	4	12	At the BMFOU the main feature (remedy component) is the Berkeley Pit. 53 billion gallons of contaminated groundwater that will continue to be maintained as a sink which will continue to collect groundwater, therefore will have a continued water treatment plant and associated
Documented disproportionate effects	Multiple socio-economic factors	4	8	Many local activists. The Berkeley Pit is high visibilty and paints the perception of "Dirty Water". Also, a mass White Goose incident
All may be thresholds	Depth/Strength of interest	5	10	highly visible and political interest from all relms.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15 High potential for inovative technologies and heavy metal extraction.
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Project	SBCBA RockerOU7	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Nikia Greene	Total Score	28
4/20/2018	HEC	10
MTD980502777	PCNR	18

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	small OU (16 acres) 2 acre repository, controlled groundwater area
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	not seeing As in surface water, further sampling to confirm. Development of updated CSM continues.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	1	3	As
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Target for delisting 2024, per Doug Benevento
Documented disproportionate effects	Multiple socio-economic factors	2	4	Water Sewer District and some local community members concerned about the controlled groundwater area and the additional costs of the
All may be thresholds	Depth/Strength of interest	1	2	Comes up in the FYR, issues to shrink the controlled groundwater area, etc.



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 Trail sytem going by the OU.
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Project	SBCBA BPSOU8	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Nikia Greene	Total Score	91
4/20/2018	HEC	44
MTD980502777	PCNR	47

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	5	20	RMAP has assessed over 2000 residential properties and we have over 1000 more to go. Additionally, schools and parks and play areas will be sampled and abated if needed.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	macro and fish now thrive in SBC and BTC, it is not ideal and remaining remedial elements are slated to remove bed sediment once all BMPs
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	5	15	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Doug Benevento targeted that SBCBA will be ready to look at deletion by 2024.
Documented disproportionate effects	Multiple socio-economic factors	5	10	Many local groups and individual activists have had a 30+ year involvement. EJ potential is low income.
All may be thresholds	Depth/Strength of interest	5	10	Democratic City. Scott Pruitt sent Kell Kelly to Butte with Doug Benevento in April of 2018, to encourage the expectation of moving Superfund sites along. Interests from all political relms.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 BSBC (local gov.) is a PRP. Economic development is their priority and combined with local groups who want a free flowing stream through the heart of Butte, brings many challenges. With that said, throughout the years
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Project	SBCBA WSSOU13	RPM
Fund	Special Account	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Nikia Greene	Total Score	51
4/20/2018	HEC	20
MTD980502777	PCNR	31

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	RI/FS start for June 2018, current data does not show high risk.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	RI/FS start for June 2018, current data does not show high risk.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Heavy metals and arsenic
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	2024 is the target and we are just starting, complicated with some liability on PRPs and other areas are orphan.
Documented disproportionate effects	Multiple socio-economic factors	4	8	Butte community is concerned about the nature and extent, at this time the extent is generally west and north of BPSOU, but data gaps remain
All may be thresholds	Depth/Strength of interest	4	8	Has been on the radar



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	0 Area west and north of BPSOU is not residential and mainly private, PRP owned, or city government owned.
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Project	Smurfit-Stone OU2	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Sara Sparks	Total Score	50
4/24/2018	HEC	13
MTN000802850	PCNR	37

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	Draft HHRA for OU2 is completed. Residential exposure risk associated with manganese in groundwater.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	SLERA completed, BERA Work Plan drafted. Although the BERA is not complete, expect low level risk to ecological receptors.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Low levels of most contaminants in most media. Elevated manganese in groundwater. Dioxins/furans and PCBs are present, but typically at relatively low concentrations.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	
Documented disproportionate effects	Multiple socio-economic factors	4	8	Public is highly engaged.
All may be thresholds	Depth/Strength of interest	4	8	Trustees and local government are highly engaged.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 There is a lot of local interest in getting the site assessment and any necessary clean up done so that the property can be developed.
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Project	Smurfit-Stone OU3	RPM
Fund	PRP	Updated
State	Montana	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Sara Sparks	Total Score	50
4/24/2018	HEC	13
MTN000802850	PCNR	37

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	Draft HHRA for OU3 is completed. Residential exposure risk associated with manganese in groundwater; non-cancer risk to tribal fishers for Aroclor 1254.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	SLERA completed, BERA Work Plan drafted. Although the BERA is not complete, expect low level risk to ecological receptors.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Low levels of most contaminants in most media. Elevated manganese in groundwater. Dioxins/furans and PCBs are present, but typically at relatively low concentrations.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	
Documented disproportionate effects	Multiple socio-economic factors	4	8	Public is highly engaged.
All may be thresholds	Depth/Strength of interest	4	8	Trustees and local government are highly engaged.



Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 There is a lot of local interest in getting the site assessment and any necessary clean up done so that the property can be developed.
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Project	Defense Depot Odgen former DLA	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Natasha Davis	Total Score	29
7/27/2018	HEC	13
UT9210020922	PCNR	16

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	1	4	Mostly redeveloped (commercial and light industrial warehous business park). Soils addressed, some residual ground water contamination.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	Poor habitat; threatened/endangered species found. Off-site is mostly residential and park.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Low concentration VOC plume with vinyl chloride close to the MCL.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Soils/sources likely for a partial deletion; ground water still under treatment.
Documented disproportionate effects	Multiple socio-economic factors	1	2	Some EJ communities likely. Businesses have created local jobs.
All may be thresholds	Depth/Strength of interest	1	2	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 Mostly redeveloped (commercial and light industrial warehous business park).
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Project	Lincoln Park	RPM
Fund	Special Account	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Mark Aguilar	Total Score	68
7/26/2018	HEC	30
COD042167858	PCNR	38

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	
Documented disproportionate effects	Multiple socio-economic factors	3	6	
All may be thresholds	Depth/Strength of interest	4	8	



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	5	15
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Project	Ellsworth Air Force Base	RPM
Fund	PRP	Updated
State	South Dakota	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

Patricia Smith	Total Score	49
7/27/2018	HEC	27
SD2571924644	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Most OUs/SWMUs complete in this SWRAU site. Ground water and emerging contaminants are problematic. Know PFAS releases undergoing delineation. Alternate water supplies provided.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Generally low ecological risks, no critical habitats or T&E species.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Most of the soils/source work is complete. Ground water is ongoing further delineation and optimization studies.
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	Most surface soils/sources are deleted. Uncertainty over PFAS distribution resulted in down grading the Human Health indicator to insufficient data.
Documented disproportionate effects	Multiple socio-economic factors	2	4	Moderate local visibility.
All may be thresholds	Depth/Strength of interest	3	6	Occasional congressional interest. Moderate priority for state.

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Current use as a Military industrial complex is the likeliest future use.
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Project	Tooele Army Depot	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Patricia Smith	Total Score	52
7/27/2018	HEC	30
UT3213820894	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Most OUs/SWMUs complete. Ground water remains problematic - large comingled VOC plumes exist at depths on the order of 300 feet. UDEQ leads the ground water OU under RCRA
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Low-to-moderate ecological risks for terrestrial birds in munitions units, but areas are small.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	Most of the soils/source work is complete. Ground water is ongoing with Army studying whether MNA is viable.
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	Potential partial deletion(s). Ground water migration is NOT under control. HEUC.
Documented disproportionate effects	Multiple socio-economic factors	2	4	Moderate local visibility.
All may be thresholds	Depth/Strength of interest	3	6	Occasional congressional interest. Priority for state.



Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Most redevelopment was on the southern part of the base not on the NPL which as addressed under BRAC (known as Deseret Chemical Depot). The main base is on the NPL and is expected to remain a military industrial complex.
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Project	Rocky Mountain Arsenal	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Greg Hargreaves	Total Score	57
7/27/2018	HEC	29
CO5210020769	PCNR	28

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Most defined OUs completed. Potential for 1,4 dioxane and PFAS.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	National Urban Wildlife Refuge. USFWS has actively been restoring native species/habitat.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	5	15	Over 700 chemicals detected, about 30 identified as COCs for former chemical munitions and pesticide production plant. Most of the ground water is intercepted/treated before moving off-site.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Most of the Refuge is deleted with properties going to USFWS and Commerce City. Army-retained areas not deleted, where some innovative landfill designs are going through a "shake down" process. HEUC and GWUC.
Documented disproportionate effects	Multiple socio-economic factors	2	4	Highly visible site; SSAB is somewhat active. Commerce City interested in residential development (currently prohibited by ICs).
All may be thresholds	Depth/Strength of interest	3	6	Occasional congressional interest. PFAS discovered; results not yet publicized pending confirmation sampling. Priority for state.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	3	9 Most of the Arsenal is redeveloped into a wildlife refuge with about 300,000 visitors per year. Bison and black-footed ferret reintroduced. Commerce City wants to modify ICs for some residential development.
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Project	Air Force Plant PJKS	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Natasha Davis	Total Score	46
7/27/2018	HEC	26
CO7570090038	PCNR	20

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Most defined OUs completed. Soil/source contamination is mainly PCBs. Ground water contamination includes VOCs and NDMA. PFAS sampled - below the HA.
Population level effects or large-scale habitat loss	Documented exposures/effects	3	9	Riparian areas near creeks; no critical habitats or threatened and endangered species identified.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	TI waiver for NDMA in terms of restoration of fractured bedrock aquifer. NDMA not responding well to remedy.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Most sources areas could be partially deleted once the Air Force has completed the soils remedy. Ground water is unlikely to be deletable in the foreseeable future.
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	2	4	To be determined. The PFAS discoveries are not yet well publicized.



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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 Military industrial complex with open space; current use is the likely future use.
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Project	Rocky Flats	RPM
Fund	PRP	Updated
State	Colorado	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

Vera Moritz	Total Score	49
7/27/2018	HEC	17
CO7890010526	PCNR	32

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	2	8	Rad wastes contained at depth. Buffer area qualified as UU/UE. Very conservative monitoring.
Population level effects or large-scale habitat loss	Documented exposures/effects	1	3	National Urban Wildlife Refuge. USFWS has actively been restoring native species/habitat.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	2	6	Rad wastes well-contained at depth in DOE- retained area - long-term persistence. Monitoring indicates effectiveness.
Targets achievable within three years/ongoing work	Key target, Project completion	2	6	Most of the Refuge is deleted with properties going to USFWS. DOE-retained areas - soils could be deleted but not ground water. HEUC and GWUC. Site is SWRAU.
Documented disproportionate effects	Multiple socio-economic factors	4	8	Highly visible site. A group of activists are trying to prevent development as a Refuge.
All may be thresholds	Depth/Strength of interest	3	6	Occasional congressional interest. Priority for state.

Scale of return on investment to community	Direct and indirect economic benefit, jobs	4	12 USFWS recently began steps to make the site a National Urban Wildlife Refuge with their comprehensive conservation plan. Local governments concerned. Potential for wind/solar.
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Project	F.E. Warren Air Force Base	RPM
Fund	PRP	Updated
State	Wyoming	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Natasha Davis	Total Score	58
7/27/2018	HEC	36
WY5571924179	PCNR	22

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	3	12	Most defined Ous completed. Recently found PFAS at three potential source areas and in ground water (not used for drinkintg). Off-base transport is unlikely.
Population level effects or large-scale habitat loss	Documented exposures/effects	4	12	Riparian areas of Crow Creek in habited by the Colorado Butterfly Plant (endangered) and Preble's Meadow Jumping Mouse.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	Locally high concentrations of PFAS.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Most sources areas could be partially deleted. Ground water is in a "tight" aquifer and is unlikely to be deletable in the foreseeable future.
Documented disproportionate effects	Multiple socio-economic factors	2	4	
All may be thresholds	Depth/Strength of interest	3	6	To be determined. The PFAS discoveries are not yet well publicized.



Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 Military industrial complex with open space; current use is the likely future use. The base has been using wind energy to supplement their power.
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Project	Hill Air Force Base (AFB)	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment		3
	BFPP/Developer interest	
	municipal interest	
	owner interest	
	renewable energy potential	

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Sandra Bourgeois	Total Score	68
7/27/2018	HEC	38
UT0571724350	PCNR	30

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	5	20	Current indoor air exposures associated with VOCs from ground water plumes (OU15). Ground water remedies are older and did not address off-site vapor intrusion.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Military industrial complex; poor habitat; no critical habitat or threatened/endangered species found. Off-site is mostly residential.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	4	12	
Targets achievable within three years/ongoing work	Key target, Project completion	5	15	Human exposure is not under control due to indoor air. ROD at draft status but USAF hesitant to use IC
Documented disproportionate effects	Multiple socio-economic factors	3	6	Some EJ communities
All may be thresholds	Depth/Strength of interest	3	6	

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Scale of return on investment to community	Direct and indirect economic benefit, jobs	1	3 Military industrial complex; future use is likely current use.
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Project	700 South 1600 East Plume	RPM
Fund	PRP	Updated
State	Utah	EPA ID
<b>Prioritization Criteria</b>		<b>Weight (Do not modify this column)</b>
Human Health Risk considering current and future exposures	likelihood of exposure population size proximity to contaminants	4
Ecological Risk considering current and future exposures	threat to a significant environment threat to special status species or their habitats	3
Contaminant Factors considering remediation status	concentration mobility toxicity volume	3
Programmatic Goals	deletion or partial deletion potential EI status GPRA/ACS target ongoing work SWRAU potential	3
Community Factors	environmental justice local involvement	2
Political Factors	congressional interest national/regional significance state priority	2

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Reuse/Redevelopment	3
	BFPP/Developer interest
	municipal interest
	owner interest
	renewable energy potential

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Mark Aguilar	Total Score	58
7/26/2018	HEC	31
UTD981548985	PCNR	27

Thresholds	Modifiers	Multiplier (1-5)	Score	Notes
Risk levels approaching Removal response levels	Documented exposures/effects	4	16	One established VI exposure addressed by removal.
Population level effects or large-scale habitat loss	Documented exposures/effects	2	6	Poor habitat in mostly suburban development.
Highly toxic, persistent, bioaccumulative	Irreversible effects, Multi-media involvement	3	9	VOCs in ground water.
Targets achievable within three years/ongoing work	Key target, Project completion	3	9	Beginning RI/FS
Documented disproportionate effects	Multiple socio-economic factors	3	6	Strong community interest.
All may be thresholds	Depth/Strength of interest	3	6	



Scale of return on investment to community	Direct and indirect economic benefit, jobs	2	6 Well-developed residential neighborhoods. Further development likely to be minor and occasional.
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Fund	State
BFPP	Colorado
Pipeline	Montana
PRP	North Dakota
Special account	South Dakota
	Utah
	Wyoming